

INTERNATIONAL SEARCH REPORT

International application No.

PCT/FI 2004/000005

A. CLASSIFICATION OF SUBJECT MATTER

IPC7: D21G 7/00

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

IPC7: D21G, D21F

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

SE,DK,FI,NO classes as above

Electronic data base consulted during the international search (name of data base and, where practicable, search terms used)

EPO-INTERNAL, WPI DATA, PAJ

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	US 6248407 B1 (HARALD HESS), 19 June 2001 (19.06.2001), column 3, line 66 - column 4, line 36 --	1-3,5,6, 8-11,13
A	WO 02092908 A1 (METSO PAPER, INC.), 21 November 2002 (21.11.2002), page 11, line 23 - line 28 --	1-15
A	DE 10116840 A1 (VOITH PAPER PATENT GMBH), 17 October 2002 (17.10.2002), column 1, line 49 - line 58; column 4, line 21 - line 27 --	1-15



Further documents are listed in the continuation of Box C.



See patent family annex.

- * Special categories of cited documents:
- "A" document defining the general state of the art which is not considered to be of particular relevance
- "E" earlier application or patent but published on or after the international filing date
- "L" document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified)
- "O" document referring to an oral disclosure, use, exhibition or other means
- "P" document published prior to the international filing date but later than the priority date claimed

- "T" later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention
- "X" document of particular relevance: the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone
- "Y" document of particular relevance: the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art
- "&" document member of the same patent family

Date of the actual completion of the international search

23 March 2004

Date of mailing of the international search report

26-03-2004

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C (Continuation). DOCUMENTS CONSIDERED TO BE RELEVANT

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	<p>US 6309463 B1 (HARALD HESS ET AL), 30 October 2001 (30.10.2001), column 2, line 49 - line 53; column 3, line 32 - line 35</p> <p style="text-align: center;">-- -----</p>	1-15

INTERNATIONAL SEARCH REPORT

Information on patent family members

27/02/2004

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US	6248407	B1	19/06/2001	DE	19820432 A	11/11/1999
				EP	0955408 A	10/11/1999
				JP	11333341 A	07/12/1999
				US	6503325 B	07/01/2003
				US	2001048976 A	06/12/2001

WO	02092908	A1	21/11/2002	FI	109481 B	00/00/0000
				FI	20011032 D	00/00/0000

DE	10116840	A1	17/10/2002	NONE		

US	6309463	B1	30/10/2001	DE	19800954 A	15/07/1999
				EP	0928845 A	14/07/1999
				JP	11253867 A	21/09/1999
				US	6309704 B	30/10/2001